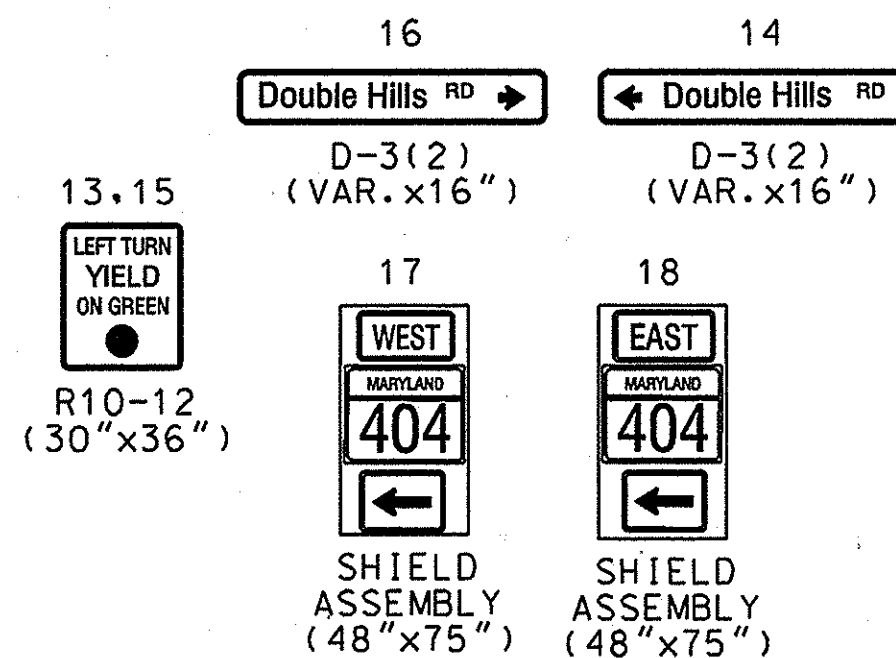
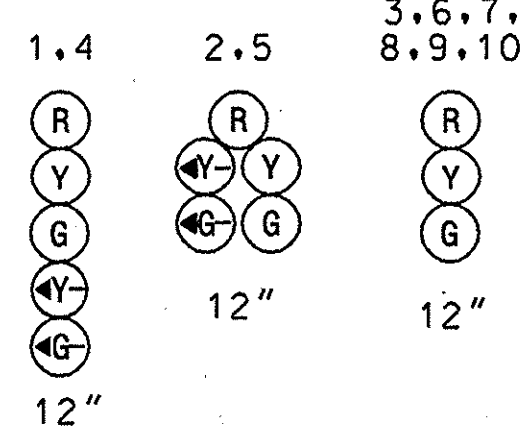


MD 404 IS ASSUMED TO RUN
IN A EAST / WEST DIRECTION

PROPOSED SIGNS



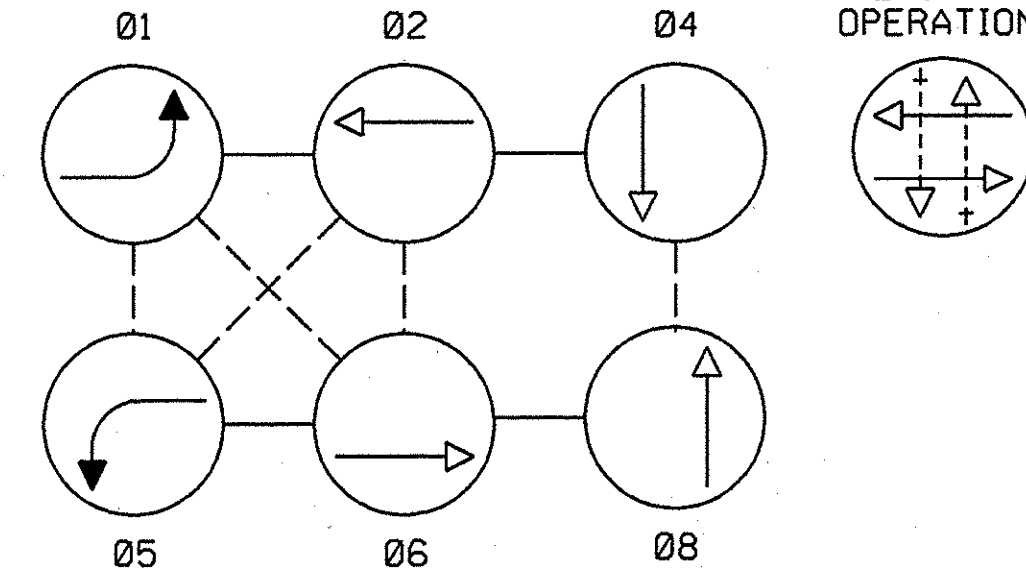
PROPOSED SIGNALS



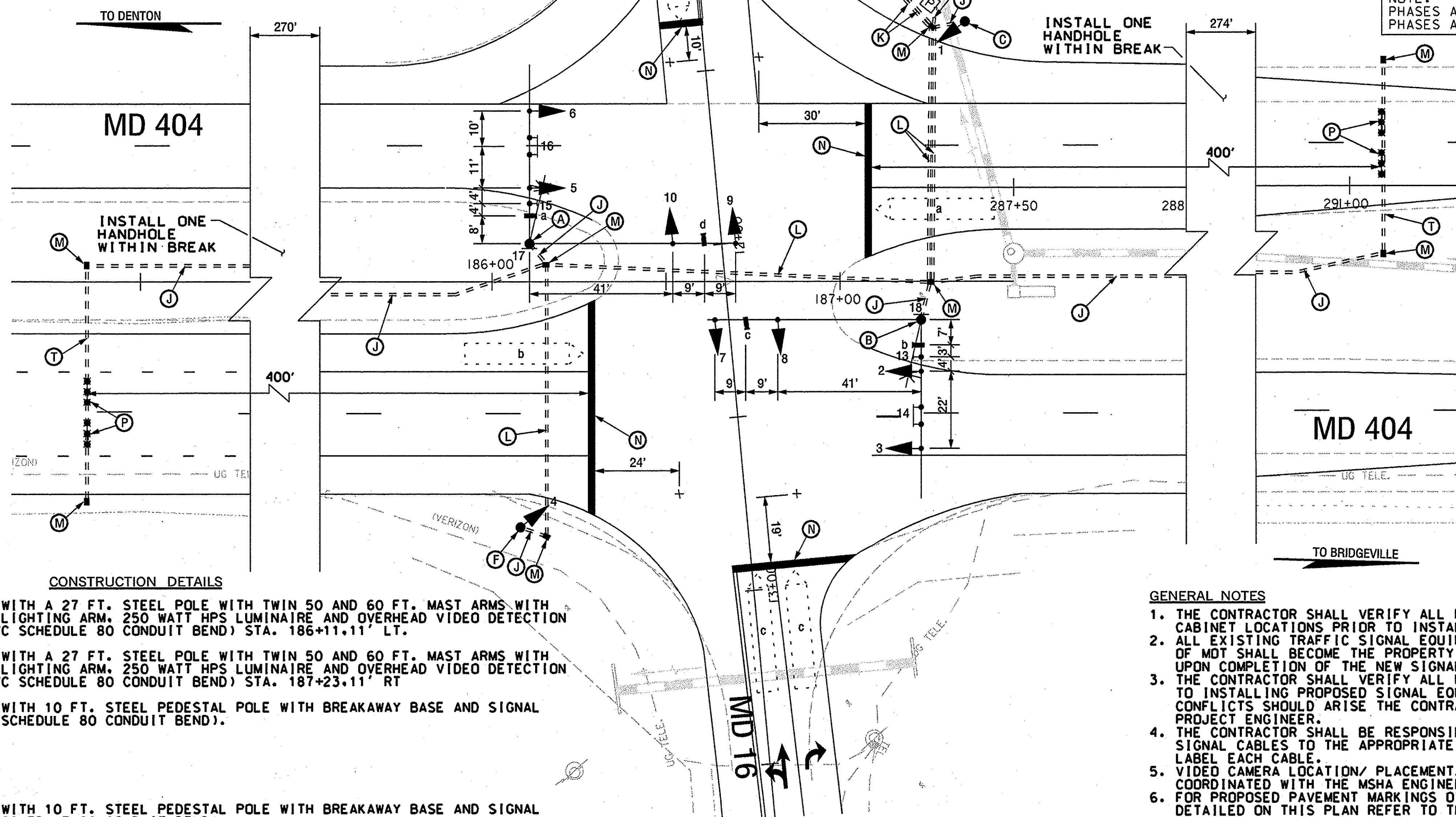
RELOCATED PROPOSED VIDEO DETECTION

a, b, c, d

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 AND 60 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND) STA. 186+11.11' LT.
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 AND 60 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND) STA. 187+23.11' RT
- INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE AND SIGNAL HEADS. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 187+37.74' LT.
- OMIT.
- OMIT.
- INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE AND SIGNAL HEADS. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 186+9.70' RT.
- INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET (NOTE: TWO-4 IN. PVC. AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA 187+18.85' LT.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED. STUB UP CONDUIT BEND AT BASE OF UTILITY POLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL HANDHOLE.
- INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

CONSTRUCTION DETAILS CONTINUED

- INSTALL NON-INVASIVE DETECTOR WITH 1000 FT. LEAD-IN CABLE.
- INSTALL 200 AMP METERED SERVICE PEDESTAL.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR TELEPHONE SERVICE - TRENCHED. STUB UP CONDUIT BEND AT BASE OF UTILITY POLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND/OR CABINET LOCATIONS PRIOR TO INSTALLATION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED IN THIS PHASE OF MOT SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- VIDEO CAMERA LOCATION/ PLACEMENT/ ALINGNING SHALL BE COORDINATED WITH THE MSHA ENGINEER.
- FOR PROPOSED PAVEMENT MARKINGS OTHER THAN THOSE DETAILED ON THIS PLAN REFER TO THE MOT PLANS IN THE CONTRACT DOCUMENTS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD STORM DRAIN
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES
F FIBER-OPTIC



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APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV.	
DIVISION CHIEF	
OFFICE DIRECTOR	

ADD VIDEO DETECTION CAMERA'S
SHA CONTRACT NO. C03215270
SWA
SIGNAL RECONSTRUCTION
SHA CONTRACT NO. C03215270
SWA

GREENLINE REVISION 1

ULTIMATE

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
**MD 404 @ MD 16/
DOUBLE HILLS ROAD**

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 10/17/1975 CONTRACT NO. C03215270

DESIGNED BY W. MILLER COUNTY CAROLINE
DRAWN BY A. BRUDMICHICK LOGMILE 05001612.76
CHECKED BY T.I.M.S. NO.
F.A.P. NO. TOD NO.

DRAWING NO. TS-1378C

SHEET NO. OF